

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jean-Pierre BALECH

Attorney Docket Q62176

Appln. No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: December 15, 2000

Examiner: Not yet assigned

For: A METHOD FOR ENHANCING THE CAPACITY OF A CELLULAR RADIO-COMMUNICATION SYSTEM AND CORRESPONDING SYSTEM

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Page 1, after the title, insert the heading **--Background of the Invention--**.

Page 4, after line 11 (according to the line numbering), insert the heading **--Summary of the Invention--**.

Page 5, paragraph beginning at line 5, please amend to read as follows:

The present invention also concerns a cellular system wherein end-users located in at least one domain of a cell in which the interference level is lower than a predefined interference level communicate with the base station by using a second modulation type over a second communication channel, a second modulation type having a higher efficiency than the first modulation type, the size and location of the domains in the cell depending on the antenna directivity of the distant end-users and on the relative position of the distant base station and the base station.